

Proposition (Statement) \rightarrow A Proposition or statement ⑬
is a declarative sentence that
is either true or false, but not both. For example,
~~the~~ " $3+3=6$ and $3+3=7$ " are both statements.

The first because it is true and the second
because it is false. " $x+y>1$ " is not a statement
because for some values of x and y the sentence
is true, whereas for others it is false. $x=-3, y=1$ false.
 \Rightarrow Questions, exclamations and commands are not
propositions.

a) the sun rises in the west.

b) $2+4=6$

c) $(5,6) \subset (7,6,5)$

d) do you speak Hindi?

e) $4-x=8$

f) close the door.

g) what a hot day!

h) we shall have chicken
for dinner

The sentences a, b and c are statements, the first is false
and second and third are true.